# **EXPERIMENTAL**

## DEMAND RESPONSE AUTOMATION RIDER DRA-4A

#### **AVAILABILITY**

This Rider is available to non-residential customers receiving metered service in conjunction with any of Company's general service schedules provided Customer contracts under the provisions of this Rider for a Contracted Curtailable Demand of 75 kW or greater during summer peak periods. Customer shall contract to curtail electric load under either the Curtailable Option or the Emergency Generator Option, as described below. The Curtailable Option under this Rider is available to all qualified non-residential customers that can curtail electrical load in response to a Company curtailment request. The Emergency Generator Option is available only to Customer transferring electrical load from Company's source to a standby generator.

Within each option, Customer shall have the opportunity to: (1) allow Company to install load control devices to remotely control its electrical equipment, or (2) forgo Company remote load control and manually curtail its load upon receiving notification from Company that a Curtailment Event is being declared. If Customer elects to be controlled remotely by Company, eligible electrical equipment shall be identified by Company during a Site Survey with the control scheme to be agreed upon by Customer and Company. Customer shall be responsible for any cost required to support the automated control equipment and for ensuring that the Rider's minimum demand response requirements are met.

Company shall provide service using a meter designated for this Rider that is capable of recording electrical consumption on a 15-minute interval basis. If Customer does not have designated meter based upon Customer's Contract Demand, such meter shall be provided in accordance with the "Non-Standard Metering" provisions contained in Section III of the METER-RELATED OPTIONAL PROGRAMS RIDER MROP. Rates stated in Section III of Rider MROP apply and are not modified by this Rider.

This Rider is not available for (1) short-term or temporary service, (2) Customer electing to Opt-Out of the DSM/EE Programs, (3) Customer participating in Large Load Curtailable Rider LLC, Dispatched Power Rider No. 68, or Incremental Power Service Rider IPS, or (4) demand served by Premier Power Service Rider PPS generation.

The Schedule used in conjunction with the Rider is modified only as indicated within the Rider.

## **DEFINITIONS**

## 1. <u>CONTRACTED CURTAILABLE DEMAND</u>

The Contracted Curtailable Demand, established for both summer (calendar months June through September) and winter (calendar months of December through February) peak periods, shall be the amount of demand Customer agrees to curtail during a Curtailment Event consistent with findings from Site Survey of Customer's facilities and analysis of historical load profiles, if available. The summer Contracted Curtailable Demand shall be used to determine Monthly Availability Credits. The winter Contracted Curtailable Demand shall not be subject to a minimum of 75 kW.

## 2. CURTAILMENT EVENT

The Curtailment Event shall be a period of no more than 8 hours and the total number of Curtailment Events shall be no more than 10 during a calendar year, but no less than 3 for the Curtailable Option and no less than 1 for the Emergency Generator Option. An annual summer test event shall be applicable to the Emergency Generator Option. The test event shall be a continuous period of no greater than 8 hours and shall be considered a Curtailment Event. Company reserves the right for a longer curtailment duration or higher number of annual Curtailment Events under either Option if continuity of service is threatened; however, the Emergency Generator Option shall not exceed 80 hours per calendar year.

Company shall send notification to Customer a minimum of 30 minutes before the requested Curtailment Event is to take place. Company shall use reasonable diligence to notify Customer of an impending Curtailment Event and having used reasonable diligence shall not be liable to Customer should Customer not receive notification or an automated demand control signal.

## 3. EVENT DEMAND REDUCTION

The Event Demand Reduction shall be the Event Baseline Demand less the Curtailment Event Demand, but not greater than 150% of Contracted Curtailable Demand and not less than zero. This value will determine the kW demand reduction for which Customer will receive an Event Performance Credit. In months where multiple Curtailment Events occur, the Event Performance Credit shall be based on the sum of Event Demand Reductions for each Curtailment Event.

## 4. CURTAILMENT EVENT DEMAND

The Curtailment Event Demand shall be the average 15-minute kW demand registered or computed by or from Company's metering facilities during a single Curtailment Event.

## 5. EVENT BASELINE DEMAND

The Event Baseline Demand shall be the average 15-minute kW demand during the Curtailment Event hours for the immediate 3 prior days (excluding weekends, days with Curtailment Event, and Holidays), which shall be determined by dividing the sum of kWh during the corresponding Curtailment Event hours by the total number of hours. Holidays are defined as New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. For purposes of calculating Event Baseline Demand, when one of the holidays falls on a Saturday, the Friday before the holiday will be excluded, and when the holiday falls on a Sunday, the following Monday will be excluded.

## 6. NON-COMPLIANCE EVENT

A Non-Compliance Event occurs when Customer's Event Demand Reduction falls below 90% of the seasonal Contracted Curtailable Demand. Multiple Non-Compliance Events can occur within a single month.

## 7. CURTAILMENT EVENTS OUTSIDE THE PEAK PERIOD

System conditions may result in the need to initiate Curtailment Events outside of summer and winter peak periods. For Curtailment Events occurring during the calendar months of March through May and October through November, Non-Compliance Events will not be applicable and Customer's summer Contracted Curtailable Demand will be used to establish the maximum allowable Event Demand Reduction.

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#### MONTHLY RATE

The Monthly Rate shall be an amount computed under the applicable Schedule for the Billing Demand and the kilowatt-hours used during the current month, plus a Monthly Rate for non-standard meter installation under Section III of Rider MROP, if applicable, less a Monthly Availability Credit and less an Event Performance Credit where:

- 1) Monthly Availability Credit = \$3.25/kW x Summer Contracted Curtailable Demand
- 2) Event Performance Credit = \$6.00/kW x Sum of Event Demand Reductions in Current Month

Event Performance Credit shall be zero (\$0) in all months with no Curtailment Events. Each Non-Compliance Event will result in the loss of four (4) months of future Monthly Availability Credits under the Curtailable Option or the loss of six (6) months of future Monthly Availability Credits under the Emergency Generator Option. The total months of lost Monthly Availability Credits will be allowed to accrue with no limit. Customer whose service under the Rider is terminated may reinitiate service under the Rider at anytime, but will not be eligible to receive a Monthly Availability Credit for twelve (12) months or for the remainder of the accrued months of lost Monthly Availability Credits at the time Customer terminated service, whichever is greater. The number of Non-Compliance Events accumulated by Customer shall not be affected by renewal of Contract Period.

## **COMMUNICATIONS REQUIREMENTS**

Customer must provide satisfactory space and electrical power supply for Company's two-way communication equipment. In the event that a continuous cellular connection cannot be maintained at the location of Company's equipment, Customer must provide, at Customer's expense, a dedicated telephone line or other adequate media, as approved by Company, to establish uninterrupted communication with Company's equipment. Customer must also provide, at Customer's expense, a telephone line or other adequate media, as approved by Company, in order to receive the 30-minute advance notification from Company.

## PARTICIPATION INCENTIVE

During the first year of the initial 5-year Contract Period, Customer will receive a one-time Participant Incentive, in the amount of \$50.00/kW, to support Customer investment related to participation in the program, including purchase and installation of automation controls and DR-enabling equipment. Under the Curtailable Option, this incentive will be based on an average of Customer's Event Demand Reduction for the first two summer Curtailment Events following execution of a Contract. Under the Emergency Generator Option, this incentive will be based on Customer's Event Demand Reduction for the first summer Curtailment Event following execution of a Contract. Any Customer having service under the Rider terminated during the initial 5-year Contract Period shall be charged by Company an amount equal to the Participation Incentive received by Customer under the Rider. A Customer account is eligible for only one Participation Incentive credit for the life of this Rider.

## **CONTRACT PERIOD**

The Contract Period shall be five (5) years, with automatic extensions of two (2) years thereafter, unless terminated by either party at the end of the Contract Period by giving not less than sixty (60) days written prior notice. At Company's sole option, Company may terminate the Customer's Contract under this Rider upon written notice to the Customer for the failure to perform satisfactorily during three consecutive Curtailment Events or for violation of any of the terms or conditions of the applicable Schedule or this Rider.

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#### ADJUSTMENTS TO CONTRACTED CURTAILABLE DEMAND

Customer may reduce the Contracted Curtailable Demand without charge at the end of any Contract Period. The Contracted Curtailable Demand may also be adjusted, upon Company approval, during a 4-week period immediately following any Curtailment Event, provided it is not adjusted more than 2 times in a calendar year. Customer may request, by providing 30-days advance written notice, a downward adjustment to Contracted Curtailable Demand related to a permanent change in equipment or operations.

## SALES AND FRANCHISE TAX OR PAYMENT IN LIEU THEREOF

To the above charges will be added any applicable South Carolina sales tax, and for those customers within any municipal or other local governmental jurisdiction, an appropriate amount to reflect any franchise fee, business license tax, or similar percentage fee or tax, or charge in lieu thereof imposed by such entity.

## **GENERAL**

Service rendered under this Rider is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission. The provisions of this Rider are subject to change upon approval by the Public Service Commission of South Carolina.

## DSM/EE OPT-OUT ELIGIBILITY

Customer participating in this program loses the right to be exempt from the DSM/EE rate for ten (10) years following initiation of service under the Rider.

Supersedes Rider DRA-4 Effective for service rendered on and after August 1, 2015 SCPSC Docket No. 2015-237-E, Order No. 2015-542

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